

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/521,005
Source: PCT
Date Processed by STIC: 11/03/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/521,005

TIME: 08:24:24

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\11032005\J521005.raw

```

4 <110> APPLICANT: BOUGUELERET, Lydie
5     JEANDENANS, Catherine
6     NIKNEJAD, Anne
8 <120> TITLE OF INVENTION: SECRETED PEPTIDES
11 <130> FILE REFERENCE: DV/4-33621A/GEP
13 <140> CURRENT APPLICATION NUMBER: 10/521,005
14 <141> CURRENT FILING DATE: 2005-01-07
16 <150> PRIOR APPLICATION NUMBER: 60/394,486
17 <151> PRIOR FILING DATE: 2002-07-08
19 <150> PRIOR APPLICATION NUMBER: 60/438,602
20 <151> PRIOR FILING DATE: 2003-01-07
22 <150> PRIOR APPLICATION NUMBER: PCT/EP03/006930
23 <151> PRIOR FILING DATE: 2003-06-30
25 <160> NUMBER OF SEQ ID NOS: 9
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 170
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo sapiens
34 <220> FEATURE:
35 <221> NAME/KEY: PEPTIDE
36 <222> LOCATION: (1)...(170)
37 <223> OTHER INFORMATION: antibacterial protein FALL-39 Precursor
39 <221> NAME/KEY: SIGNAL
40 <222> LOCATION: (1)...(30)
41 <223> OTHER INFORMATION: predicted by SignalP version 2.0
W--> 43 <221> PEPTIDE
44 <222> LOCATION: (31)...(131)
45 <223> OTHER INFORMATION: propeptide
W--> 47 <221> CHAIN
48 <222> LOCATION: (132)...(170)
49 <223> OTHER INFORMATION: antibacterial protein FALL-39
W--> 51 <221> CHAIN
52 <222> LOCATION: (134)...(170)
53 <223> OTHER INFORMATION: antibacterial protein LL-37
W--> 55 <221> SITE
56 <222> LOCATION: (106)...(107)
57 <223> OTHER INFORMATION: dibasic peptidase cleavage site
W--> 59 <221> SITE
60 <222> LOCATION: (140)...(141)
61 <223> OTHER INFORMATION: dibasic peptidase cleavage site
W--> 63 <221> SITE
64 <222> LOCATION: (151)...(152)

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65 <223> OTHER INFORMATION: dibasic peptidase cleavage site
W--> 67 <400> 1
68 Met Lys Thr Gln Arg Asp Gly His Ser Leu Gly Arg Trp Ser Leu Val
69 -30 -25 -20 -15
70 Leu Leu Leu Leu Gly Leu Val Met Pro Leu Ala Ile Ile Ala Gln Val
71 -10 -5 1
72 Leu Ser Tyr Lys Glu Ala Val Leu Arg Ala Ile Asp Gly Ile Asn Gln
73 5 10 15
74 Arg Ser Ser Asp Ala Asn Leu Tyr Arg Leu Leu Asp Leu Asp Pro Arg
75 20 25 30
76 Pro Thr Met Asp Gly Asp Pro Asp Thr Pro Lys Pro Val Ser Phe Thr
77 35 40 45 50
78 Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Ser Pro Glu Asp
79 55 60 65
80 Cys Asp Phe Lys Lys Asp Gly Leu Val Lys Arg Cys Met Gly Thr Val
81 70 75 80
82 Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile Ser Cys Asp Lys Asp
83 85 90 95
84 Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys Ser Lys Glu
85 100 105 110
86 Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile Lys Asp Phe
87 115 120 125 130
88 Leu Arg Asn Leu Val Pro Arg Thr Glu Ser
89 135 140
92 <210> SEQ ID NO: 2
93 <211> LENGTH: 140
94 <212> TYPE: PRT
95 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 2
98 Gln Val Leu Ser Tyr Lys Glu Ala Val Leu Arg Ala Ile Asp Gly Ile
99 1 5 10 15
100 Asn Gln Arg Ser Ser Asp Ala Asn Leu Tyr Arg Leu Leu Asp Leu Asp
101 20 25 30
102 Pro Arg Pro Thr Met Asp Gly Asp Pro Asp Thr Pro Lys Pro Val Ser
103 35 40 45
104 Phe Thr Val Lys Glu Thr Val Cys Pro Arg Thr Thr Gln Gln Ser Pro
105 50 55 60
106 Glu Asp Cys Asp Phe Lys Lys Asp Gly Leu Val Lys Arg Cys Met Gly
107 65 70 75 80
108 Thr Val Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile Ser Cys Asp
109 85 90 95
110 Lys Asp Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys Ser
111 100 105 110
112 Lys Glu Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln Arg Ile Lys
113 115 120 125
114 Asp Phe Leu Arg Asn Leu Val Pro Arg Thr Glu Ser
115 130 135 140
118 <210> SEQ ID NO: 3
119 <211> LENGTH: 63

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120 <212> TYPE: PRT
121 <213> ORGANISM: Homo sapiens
123 <400> SEQUENCE: 3
124 Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile
125 1 5 10 15
126 Ser Cys Asp Lys Asp Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe
127 20 25 30
128 Arg Lys Ser Lys Glu Lys Ile Gly Lys Glu Phe Lys Arg Ile Val Gln
129 35 40 45
130 Arg Ile Lys Asp Phe Leu Arg Asn Leu Val Pro Arg Thr Glu Ser
131 50 55 60
134 <210> SEQ ID NO: 4
135 <211> LENGTH: 45
136 <212> TYPE: PRT
137 <213> ORGANISM: Homo sapiens
139 <400> SEQUENCE: 4
140 Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile
141 1 5 10 15
142 Ser Cys Asp Lys Asp Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe
143 20 25 30
144 Arg Lys Ser Lys Glu Lys Ile Gly Lys Glu Phe Lys Arg
145 35 40 45
148 <210> SEQ ID NO: 5
149 <211> LENGTH: 34
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapiens
153 <400> SEQUENCE: 5
154 Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile
155 1 5 10 15
156 Ser Cys Asp Lys Asp Asn Lys Arg Phe Ala Leu Leu Gly Asp Phe Phe
157 20 25 30
158 Arg Lys
162 <210> SEQ ID NO: 6
163 <211> LENGTH: 24
164 <212> TYPE: PRT
165 <213> ORGANISM: Homo sapiens
167 <400> SEQUENCE: 6
168 Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg Gly Ser Phe Asp Ile
169 1 5 10 15
170 Ser Cys Asp Lys Asp Asn Lys Arg
171 20
174 <210> SEQ ID NO: 7
175 <211> LENGTH: 11
176 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
179 <400> SEQUENCE: 7
180 Cys Met Gly Thr Val Thr Leu Asn Gln Ala Arg
181 1 5 10
184 <210> SEQ ID NO: 8

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Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\11032005\J521005.raw

185 <211> LENGTH: 9
186 <212> TYPE: PRT
187 <213> ORGANISM: Homo sapiens
189 <400> SEQUENCE: 8
190 Gly Ser Phe Asp Ile Ser Cys Asp Lys
191 1 5
194 <210> SEQ ID NO: 9
195 <211> LENGTH: 10
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo sapiens
199 <400> SEQUENCE: 9
200 Phe Ala Leu Leu Gly Asp Phe Phe Arg Lys
201 1 5 10

VERIFICATION SUMMARY

DATE: 11/03/2005

PATENT APPLICATION: US/10/521,005

TIME: 08:24:25

Input Set : A:\Seqlist.txt

Output Set: N:\CRF4\11032005\J521005.raw

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L:51 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:59 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:63 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:67 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1